

Arsynco Incorporated

EPA ID Number: NJD044688935

Other (Former) Names of Site

None

Site Facts

The Arsynco facility is located in a heavy industrial and commercial area at the western boundary of the Hackensack Meadowlands tidal marsh area, Foot of 13th Street in Carlstadt, Bergen County, New Jersey. The facility consisted of several manufacturing/storage buildings and two ponds situated on approximately 12.3 acres of industrial zoned land. From the early 1900s to 1969, the site was used for a variety of chemical and pharmaceutical manufacturing operations. Arsynco manufactured specialty organic chemicals and pharmaceutical intermediates, propyleneimine and derivatives, hair dyes, silicone intermediates, a quaternary ammonium salt, propiophenone, and isobutyrophenone at this property from 1969 to September 1993, when all operations at the site ceased. This site is currently undergoing remediation.

Contamination

Soil and groundwater at the Arsynco site are contaminated due to former site operations (spills, releases and discharges); the disposal of process waste on-site; and the presence of poor-quality, historic fill on the site. Groundwater contamination at the site is also affected by regional groundwater quality and potential upgradient sources. The contaminants associated with the soil at the site are volatile organic chemicals (VOCs), including benzene, xylene, toluene; semi-volatile organic chemicals (SVOCs), including benzo(a)anthracene, benzo(a)pyrene; metals, including lead; and polychlorinated biphenyls (PCBs). The contaminants associated with the groundwater at the site are VOCs, including 1,1-dichloroethane, toluene, ethylbenzene, xylenes; and inorganics, including lead, arsenic.

What Is Being Done

The facility is being cleaned up under the New Jersey Department of Environmental Protection (NJDEP) Property Transfer Program. Arsynco has decommissioned the facility and has conducted various investigations at the site. Arsynco completed a Remedial Investigation Report (RIR) Addendum and Revised Remedial Action Work Plan (RAW) in December 2003. The reports describe the results of all additional soil and groundwater investigation activities that have been completed at the site since the June 2002 RIR Addendum, and evaluate and propose remedial alternatives to address site contamination. Arsynco has also been working with EPA to gain approval of a

proposed capping program for certain polychlorinated biphenyl (PCB)-contaminated soils at the site. Site fencing restricts unauthorized access to the property.

What Remains To Be Done

The December 2003 RIR Addendum and RAW, which include a revised cleanup proposal to address site contamination, are under New Jersey Department of Environmental Conservation review.

Site Repository

Copies of supporting technical documents and correspondence cited in this site fact sheet are available for public review at the following location:

New Jersey Department of Environmental Protection
Division of Solid & Hazardous Waste
Records Center
401 E. State Street, 6th Floor
Trenton, NJ 08625
Telephone (609) 777-3373